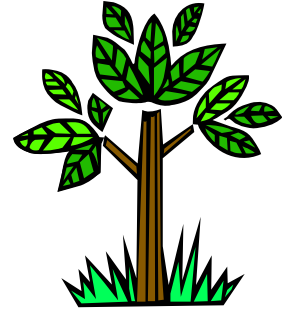


BZ105: Basic Concepts of Plant Life Laboratory Fall 2007

Each laboratory section will meet once a week for 1 hour and 40 minutes in Room 209 of Yates Hall. The required text for this class is *Basic Concepts of Plant Life, A Laboratory Manual for BZCC 105*. The lab manual is available at the CSU Bookstore, Rams Bookstore and Big Dog Textbooks. You will need to obtain a copy of the lab manual and bring it with you to lab each week. **It is important that you look over and read the lab exercises to be performed each week prior to coming to lab.**



Procedures & Policies

Attendance is mandatory. You are expected to attend and participate fully in the lab exercises every week. **More than 2 unexcused absences will result in your failure of this course.**

- Excused absences include CSU sanctioned activities, and you are expected to provide documentation should this apply to you. Unexcused absences include all other reasons for missing, including but not limited to birthdays, car trouble, weddings, funerals, daycare issues, pet-related crises, and sickness (*unless* you provide documentation from a doctor indicating that you could not possibly attend lab due to hospitalization, etc.)
- Attendance of a lab period does not mean showing up to take the quiz and then leaving, but requires that you participate in and complete the day's lesson to the satisfaction of your lab instructor.
- Use your two "free" absences wisely! These are provided *in case* you are sick or have some other unavoidable reason for missing (see list of unexcused absences above). You will not receive points for missed labs.

**If you know ahead of time that you will need to miss all or part of a lab period, as an alternative to missing speak with your instructor at least one week before the class begins and we will try to get you into another lab section for that week. Please do not attend another lab without first clearing it with both your lab instructor and the instructor of the lab you will attend. **

Keep all work areas and equipment you use in the lab clean. You are responsible for your lab station and its equipment. Make sure all is in order before you leave the lab. Report any injuries or broken equipment to your instructor immediately.

Note: Your weekly quiz and assignment **will not be graded** if you do not **complete all of the lab exercises** (including filling out your lab manual) and **clean up your work area** (including wiping down the bench top) at the end of the laboratory period

No food or drinks are allowed in the lab.

Evaluation and Grading

Your grade in the class will be based on the total number of points that you accumulate during the semester, out of a total of 280 available points. The breakdown of points is as follows. Each week there will be a 10 point worksheet you will be required to fill out during lab. Two points of this weekly assignment are earned by filling out the lab manual. In addition, there will be weekly quizzes worth 10 points each. The format of the quiz may include multiple choice, fill-in the blank, short answer or drawing of structures, and will cover the previous weeks' worth of material (~8 points) as well as the reading for the current week's lab (~2 points). Therefore, you should read and become familiar with the introductory material and laboratory exercises each week before coming to class. You will be participating in a debate during week 8 (Oct. 8/9) and doing a group presentation during week 15 (Nov. 26/27). **You should make every effort not to miss lab on these weeks since you are "performing" with your group and this will be impossible to make up or do in another lab with another group.**

9 Weekly Quizzes (lowest score dropped): 80 points total
11 Weekly assignments (lowest score dropped): 100 points total
GE Debate Project: 50 points total
Meal Assignment Presentation: 50 points total
Lab Total: 280 points

No make-up quizzes or worksheets will be given. Understanding that sometimes students have to miss a lab, we will drop your two lowest weekly scores (1 quiz + 1 worksheet).

Cheating on quizzes will not be tolerated, and will result in disciplinary action as described in the CSU student handbook.

BZ105 Laboratory Schedule

Week	Date	Lab Topic	Exercise # (in lab manual)
1	Aug. 20	No Lab	-
2	Aug. 27	Microscope, Cell Assignment	1, 2
3	Sept. 3	NO Lab – Labor Day	
4	Sept. 10	Photosynthesis, Respiration Quiz, Assignment	7, 8
5	Sept. 17	Plant anatomy Quiz, Assignment	5
6	Sept. 24	Mitosis/Meiosis Quiz, Assignment	3, 9
7	Oct. 1	Mendelian Genetics GE Debate arguments due Quiz, Assignment	10
8	Oct. 8	Genetic Engineering debate	
9	Oct. 15	Movement of Substances Quiz, Assignment	4
10	Oct. 22	Algae, Fungi, Lichen Quiz, Assignment	14, 15, 16
11	Oct. 29	Bryophytes, Ferns Quiz, Assignment	17, 18
12	Nov. 5	Gymnosperms Quiz, Assignment	19
13	Nov. 12	Angiosperms Quiz, Assignment	20
14	Nov. 19	No Labs – Fall Break	
15	Nov. 26	Meal assignment presentation	
16	Dec. 3	Scientific Method- Gak Assignment	Handout